DOTJET
Coding & Marking Solutions

DJ ONE

▶ *hp TIJ2.5 Inkjet coder*

One Simple World for Critical Dots.

Compact, robust and low-cost design but still performs high print efficiency.

Inkjet Technology by **hp**®

Diverse Installation

✔ A compact unit TIJ printer with an angle-adjustable printhead and external photocell.
✔ Suitable for diverse installation demands.
✔ Be integrated with labeling machine and capping machine.

Adjustable Printhead

External Photocell
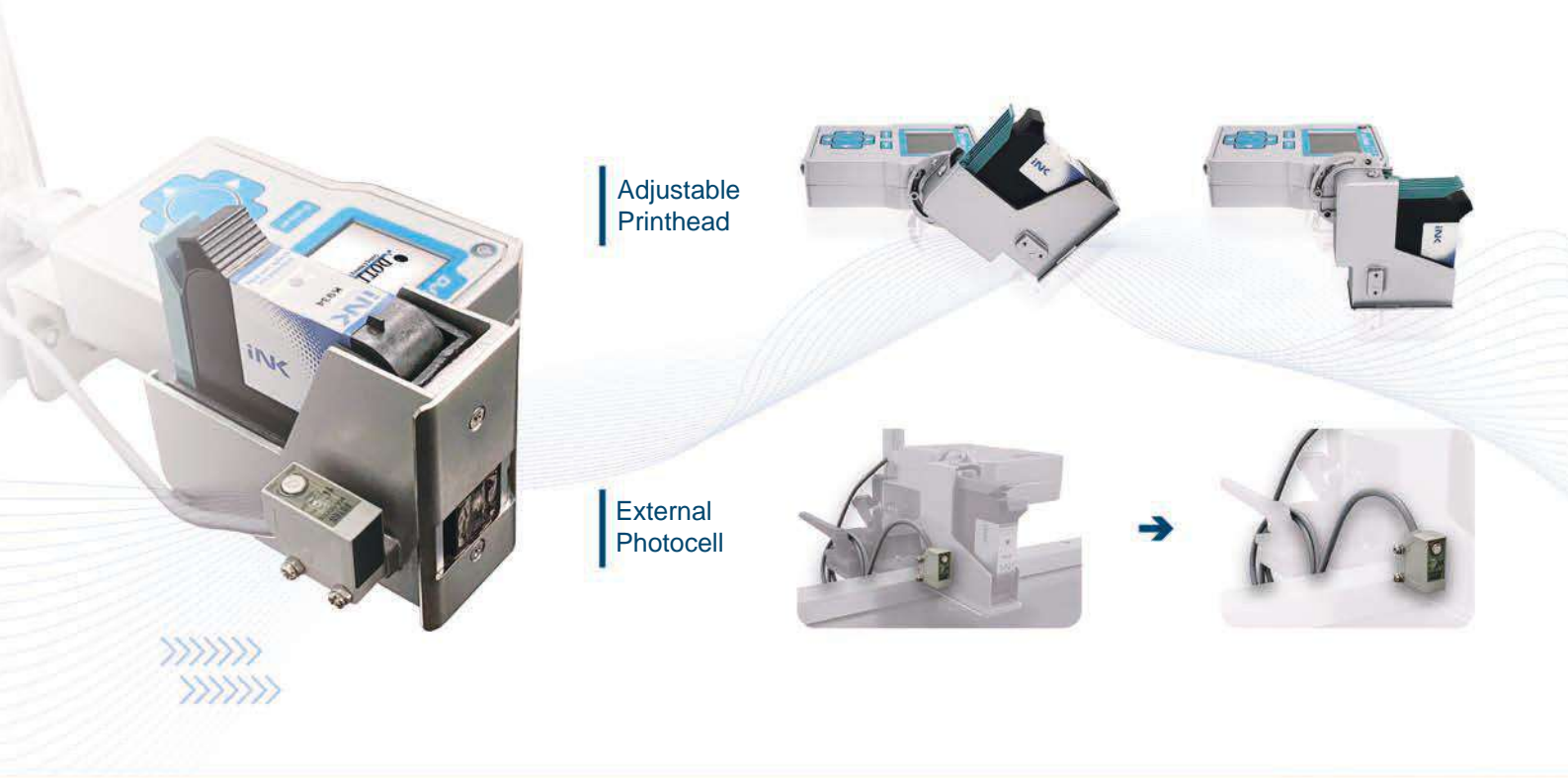
Print Efficiency

A cost-saving DJ1 brings you excellent print efficiency.

DJ1 has less components but keeps excellent inkjet printing technology to achieve users' production efficiency.

● Max 20 units of print per second.(Depend on print message length)

● High print speed:
  Aqueous ink: max 60 meters/min
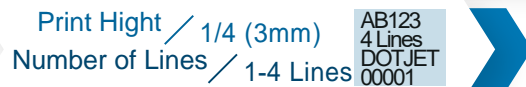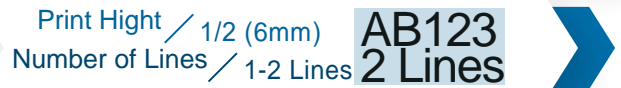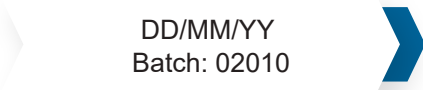 Solvent ink: max 75 meters/min
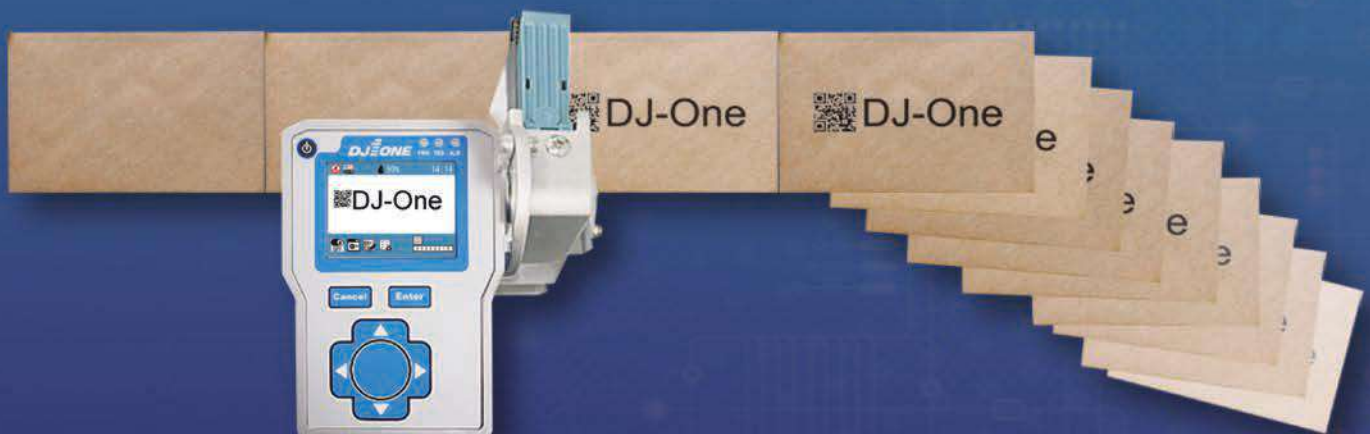
■ Print Message Content

Text, image, date, time, lot/batch number, shift code and static barcode objects. Other languages input by text builder.

Message lines from 1 line to 4 lines.

Print height: Max 4 options based on the number of message line.

DD/MM/YY Batch: 02010	

English	Tiếng Việt	Íslenska
한글	ภาษาไทย	Čeština
にほんご	Türkçe	ةيبرعلا ةغللا

Print Hight / 1 (12.7mm)
Number of Lines / 1 Line
AB12

Print Hight / 1/2 (6mm)
Number of Lines / 1-2 Lines
AB123
2 Lines

Print Hight / 1/4 (3mm)
Number of Lines / 1-4 Lines
AB123
4 Lines
DOTJET
00001

Print Hight / 1/8 (1.5mm)
Number of Lines / 1-4 Lines
AB123
4 Lines
DOTJET
00001

(Static Barcode)

Max. print length: When print height is 12.7mm, the max print length is 127 characters plus appendant 3 sets of printing messages, total 508 characters.

● Print Height 12.7mm	AB12... ...	1st Appendant	2nd Appendant	3rd Appendant
	127 characters	**127 characters**	**127 characters**	**127 characters**

■ Manage Print Jobs With Less Cost

1 Create printing messages by easy-to-learn PC software or by Android smartphone.

2 Max storage is 30 print jobs per file, only required printing messages can stay in DJ1 printer.

3 Give a short description each print job to help users find the correct print job easily.

4 Transfer the data to DJ1 by a USB driver.

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Less Function but Protect Correctness

A routine to help users avoid mistakes:
To download required printing messages from a USB stick instead of giving the function to edit content by onsite DJ1. All an operator needs to do is to press the controller buttons to select print job and start printing.

Easy to Learn Software

- User-friendly interface design for PC software and Android App.
- Easy to build print messages with a clear preview section.
- Ink consumption calculation per print message.

- Append message function gives a capability to combine messages into 1 print job.
- Transfer the data to the printer by a USB stick.

"
**Take
1 minute
To learn how to use
DJ1 PC software**
"

- Message Object
- Template Grid
- Preview

Batch: 02010
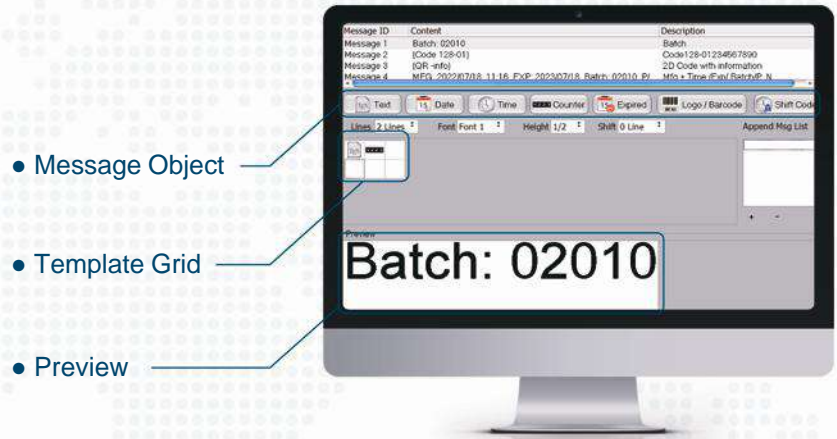
Text builder function in logo list allows multiple languages input with various fonts.
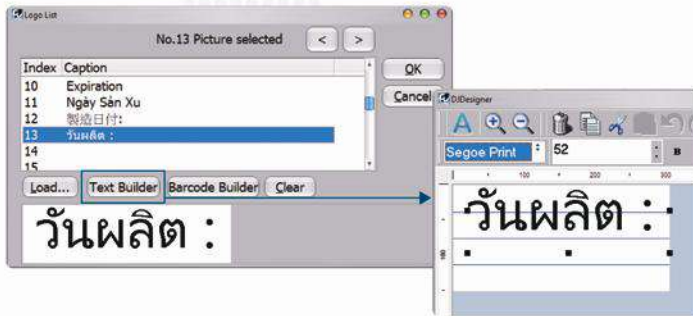
Simply click and drag required message object into template grid, then start editing content.

วันผลิต :

"
Android App
"

To build print message   by an Android smartphone gives the user flexibility to edit the content onsite.
Transfer the data to the printer by a USB stick.

DOTJET

- Template grid
- Message Objects
- Touch drag and drop required message object into template grid, then start editing content.
- Preview

Controller Operation

- ✔ 2.8" TFT LCD display.
- ✔ 6 simple buttons to operate.
- ✔ Multiple languages for the operation interface.
- ✔ Low ink LED indicator to build on the controller membrane.
- ✔ Few steps to adjust parameters and start printing.

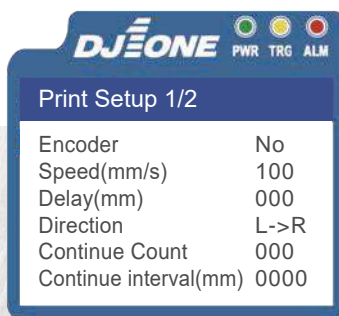- LED light indicators :
  Power, Trigger, Alarm
- Printing status display.
- Simple route to select printing job and adjust parameters.
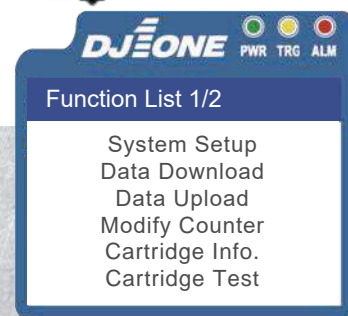- 6 buttons to operate the controller.

◄ ► ▲ ▼ Cancel Enter

Print Setup

Print Setup 1/2	
Encoder	No
Speed(mm/s)	100
Delay(mm)	000
Direction	L->R
Continue Count	000
Continue interval(mm)	0000

Select Message

Select Message 1/5

01. Mfg Date
02. 2 Line/ FAB/ VAL (ES)
03. Mfg/ Best/ Batch
04. Mfg date/ exp (VN)
05. Mfg date/ exp (JP)
06. QR-DJ-One

Function List

Function List 1/2

System Setup
Data Download
Data Upload
Modify Counter
Cartridge Info.
Cartridge Test

- **Select Message**

  The short description of each message is given by user when user creates message by PC or Android App.

Coding and marking work can be simple when you work with DJ1.

1 Create Print Message (Max 30 print jobs.)

Batch: 02010

2 Save required message file to a USB stick.

3 Operate DJ1 printer

4 Print job is selected.

5 Install / replace ink cartridge.

6 Plug the USB stick onto DJ1.

7 Press the buttons to move the cursor and to enter the required section.

8 Download message file from USB stick to DJ1 printer.

Function List 1/2
- System Setup
- Data Download
- Data Upload
- Modify Counter
- Cartridge Info.
- Cartridge Test

● There is no need to re-download the same file next time to use DJ1 until the user wants to change file.

Select Message 1/5
- 01. Mfg Date
- 02. 2 Line/ FAB/ VAL (ES)
- 03. Mfg/ Best/ Batch
- 04. Mfg date/ exp (VN)
- 05. Mfg date/ exp (JP)
- 06. QR-DJ-One

● Select a required message.

● Print message content displays on the screen.

● Select "Start / Stop Printing."

■ Ink Cartridge

HP TIJ 2.5 technology
A clean cartridge system ensures the best cartridge lifetime and keeps uptime.

- **Hot-swapping cartridge**
  Effortless to replace ink cartridge without downtime.
- **Printing resolution**
  300 dpi x 300 dpi
- **Print speed can be up to**
  60 m/ min (aqueous-based ink) and
  75 m/ min (solvent-based ink)
- **Ink types**
  aqueous ink, solvent ink and UV-curable ink
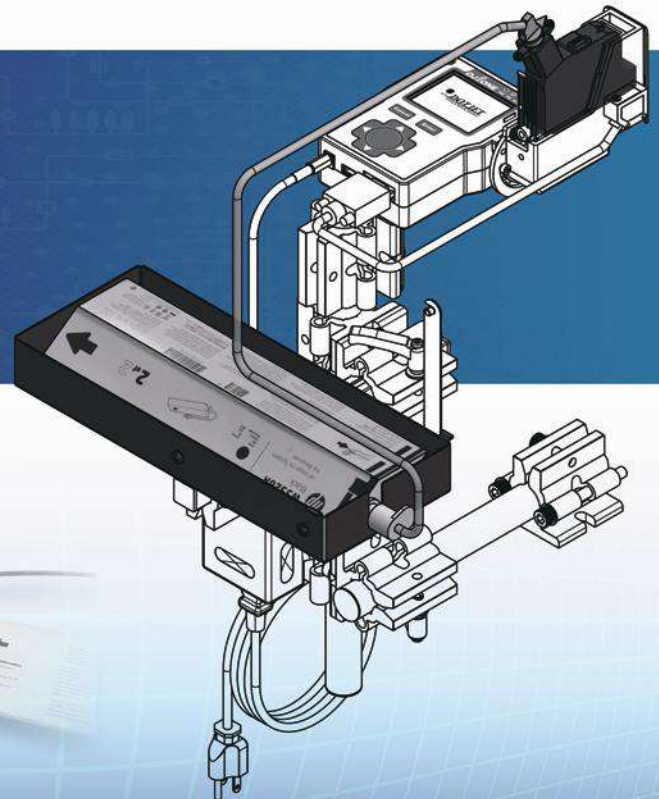 for different substrates.

■ Smart Card

The printer reads and downloads the parameters from the smart card automatically.

- A smart card on cartridge stores the cartridge print parameters information.
- Automatic ink identification allows parameters setting for each ink cartridge to achieve the best performance.

■ Bulk Ink Supply

- Bulk ink supply system is optional to help users reduce the number of time to change over ink cartridge.
- Aqueous-based ink, 370ml

Model	DJ1
Technology	hp TIJ2.5
Housing	Aluminum casting
Display	2.8" TFT LCD display.
Power requirement	AC 110-220v
Operation temperature	5℃ to 45℃ (41℉ to 113℉)
Message Storage	30 print jobs
Print line	1~4 lines
Print height	Max 4 options to select from depends on the number of print line: 12.7mm, 6mm, 3mm, 1.5mm.
Print speed	Max: 60m/min- Aqueous ink cartridge. Max: 75m/min- Solvent ink cartridge.
Max print length	508 characters
Print resolution	300 dpi x 300 dpi
Max Ink throw distance	6mm is recommended.
LED indicators	Power, Trigger, Alarm (ink low)
Software function	Any of languages text, lot and box number, date- time code, shift code, logo
Print font	Two available fonts for printing: standard, bold
Printer operation language	Multiple languages available. (Some languages' translation support may be required.)
PC software language	Multiple languages available. (Some languages' translation support may be required.)
Android app language	English
Dimension	(L/W/H) 202 x 143 x 120 mm
Weight	652g (excluding cartridge)
Optional	Encoder, Bulk ink supply (aqueous ink)